

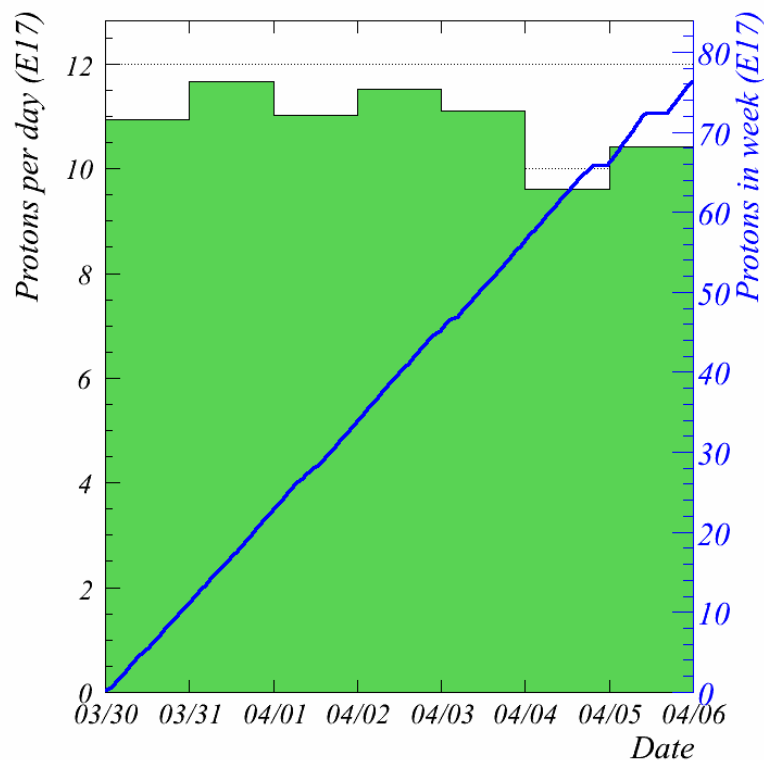


All Exp Mtg
April 6, 2009

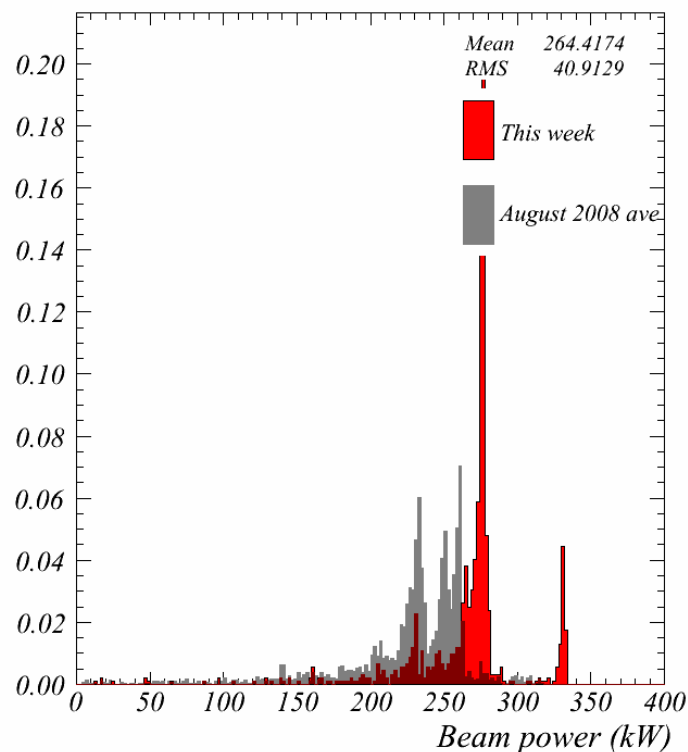
NuMI-MINOS Status Report — Bob Zwaska

- 76e17 protons for the week
 - Record Week!
- Good beam powers
 - Some NuMI only running when PBar off (330 kW)
 - Few downtimes for TeV work

Week to 00:00 Monday 06 April 2009



Week ending 00:00 Monday 06 April 2009





NuMI-MINOS Status Report — Bob Zwaska

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NEAR DETECTOR:

- Cooling water troubles
 - Cooling water is stable, but at elevated levels
 - 74 F vs 67 F
 - Cavern has cooled some from its worst
 - We now turn off magnet for short periods of beam downtime (>30 minutes)
 - Few fixes are in the works, but are weeks to months away
 - We can run this way for a short period, but not indefinitely
- Magnetic field is FORWARD
- Proton-weighted Live time: 97.25%

Horn-off Running:

- A small amount of *Near Detector* data taken with the horns off is a high priority before the shutdown
 - Need 6-7e18 of horn-off data
 - Already have ~ 2e18
 - Collected ~ 3e18 over the weekend
 - Assessing the quality now
- Plan to take more data in two weeks
 - April 17-19 (starting Friday afternoon)
 - Should be transparent to operations upstream of NuMI
 - Requires some masking in beam permit system



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FAR DETECTOR:

- Power outage planned in April 3 – coordinated with horn-off running
 - Far Detector was off most of Friday day shift
 - Had trouble coming back up due to a TRC board going bad
 - No beam lost (horn-off is in ND)
- Chiller trouble Friday evening
 - 1 chiller showed low oil
 - Backup chiller worked, first is being looked at
 - No down-time

Proton-weighted Live time: 93.2 %

Wall-clock Live time: 94.73 %

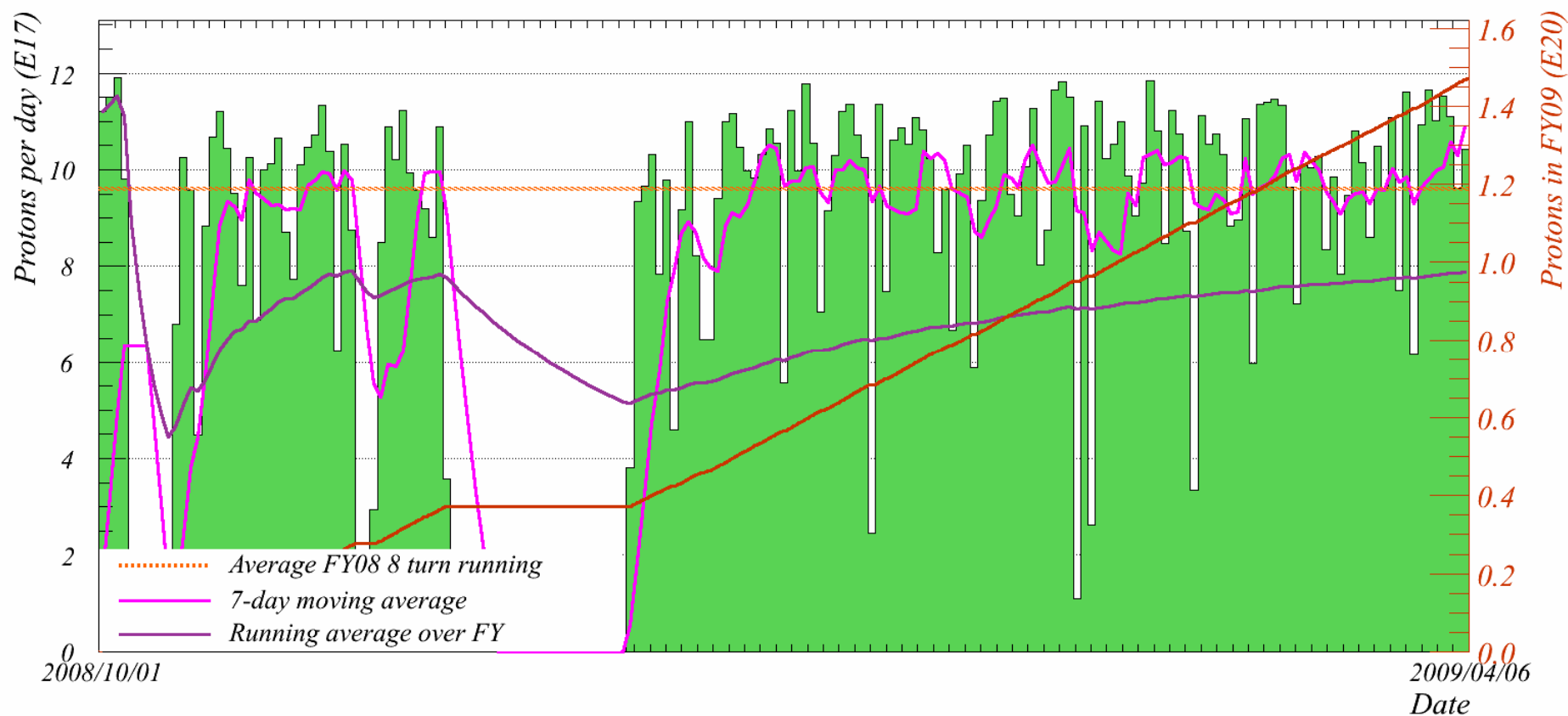


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- Fiscal year 2009 - $1.47\text{e}20$

FY09 NuMI protons to 00:00 Monday 06 April 2009





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All Exp Mtg
April 6, 2009

- Entire Run - passed $7e20$

Total NuMI protons to 00:00 Monday 06 April 2009

